

Faculty of Engineering & Technology**Building Construction & Materials 1****Information :****Course Code :** ARC243**Level :** Undergraduate**Course Hours :** 3.00- Hours**Department :** Architectural Engineering**Instructor Information :**

Title	Name	Office hours
Lecturer	Nader Ibrahim Ismael Ibrahim	1
Teaching Assistant	Omar Magdy Ahmed Ibrahim Elbahrawy	
Teaching Assistant	Salma Mohamed Eltohamy Elgendy	
Teaching Assistant	Kamal Abdeleziz Ali Selim	

Description :

General introduction, Drawing techniques, Abbreviation symbols, Dimensioning, Technical presentation, Understanding types of structures, Wall bearing & skeleton types. Traditional Construction Method; Load bearing walls. Using brick to build load bearing elements: foundation design, walls, jack arch floors, vaults and domes. Introduction to RC skeleton system.